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Suzanne Skinner
(Typed or printed name of person mailing
correspondence)

Suzanne Skinner
(Signature of person mailing correspondence)

Application Number: **10/614,590**

File Date: **July 7, 2003**

Title: **OBJECT TRACKING SYSTEM WITH NON-CONTACT OBJECT DETECTION
AND IDENTIFICATION**

Our Reference Number: **K047 1073**

Information Disclosure Statement
Form PTO-1449
Return Postcard



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

is an application of:)

WILLIAM C. MALONEY)

Serial No: **10/614,590**)

Filed: **July 7, 2003**)

For: **OBJECT TRACKING SYSTEM WITH NON-CONTACT OBJECT DETECTION
AND IDENTIFICATION**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant hereby voluntarily discloses the reference listed on the attached Form PTO-1449 to the Assistant Commissioner for Patents. References A-CQ were cited in prior applications relied upon by the above-identified application for an earlier filing date. The prior applications relied upon are Application Serial No. 10/122,507, filed on April 15, 2002; 09/797,338, filed March 1, 2001; and 09/393,223, filed September 9, 1999. It is specified in 37 CFR 1.98(d) that a "copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 USC 120." Therefore please review the parent cases for references A-CQ.

Applicant further reserves the right to establish the patentability of the claimed invention over any of the listed information should they be applied as references, and/or to prove that some of the cited information may not be prior art, and/or to prove that some of the cited information may not be enabling for the teachings they purport to offer. This statement further should not be construed as the representation that an exhaustive search has been made, or that the information

cited herewith is material, or that there does not exist information more material to the examination of the present Application. The Examiner is specifically requested not to rely solely on the information submitted herein. On the contrary, the Examiner is requested to conduct an independent and thorough review of the information, and to form independent opinions as to their significance.

It is respectfully requested that the Examiner initial and return copies of the enclosed PTO-1449 and to indicate in the official file wrapper of the above-identified patent application that each item of the cited information has been considered.

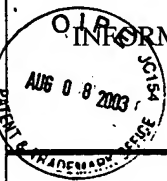
Date: 8/4/03


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Docket No.: **K047 1073**


ATLANTA 364622v1

Form PTO-1449				Attorney Docket No. K047 1073		Serial No. 10/614,590	
 INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Applicant William C. Maloney			
				Filing Date July 7, 2003		Group	
U.S. PATENT DOCUMENTS							
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	5,287,414	02/94	Foster	382	1	
	B	5,374,815	12/94	Waterhouse et al.	235	383	
	C	4,575,719	03/86	Bertagana et al.	340	825.35	
	D	4,845,492	07/89	Cobb et al.	340	825.490	
	E	4,595,922	06/86	Cobb et al.	340	825.49	
	F	4,549,170	10/85	Serres et al.	340	568	
	G	4,519,522	05/85	McElwee	221	13	
	H	4,889,977	12/89	Haydon	235	375	
	I	4,866,661	09/89	dePrins	364	900	
	J	4,814,592	03/89	Bradt et al.	235	381	
	K	3,451,043	06/69	SR Krause	340	152	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	L	WO 95/12858	05/95	PCT			
	M	WO 95/04324	02/95	PCT			
	N	WO 96/31790	10/96	PCT	G01V	15/00	
	O	WO 97/04338	02/97	PCT	G01V	15/00	
	P	WO 97/48990	12/97	PCT	G01V	15/00	
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, etc.)</i>							
<p>* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.</p>							
EXAMINER'S SIGNATURE:				DATE CONSIDERED:			

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Form PTO-1449				Attorney Docket No. K047 1073		Serial No. 10/614,590	
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U.S. PATENT DOCUMENTS							
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	Q	5,038,023	08/91	Saliga	235	385	
	R	4,419,734	12/83	Wolfson et al.	364	567	
	S	4,737,910	04/88	Kimbrew	364	403	
	T	4,796,209	01/89	Burk	364	559	
	U	5,335,170	08/94	Petteruti et al.	364	403	
	V	5,521,815	05/96	Rose, Jr.	364	409	
	W	5,426,284	06/95	Doyle	235	385	
	X	5,319,544	06/94	Schmerer et al.	364	403	
	Y	5,404,384	04/95	Colburn et al.	377	6	
	Z	5,533,079	07/96	Colburn et al.	377	6	
	AA	5,801,628	09/98	Maloney	235	375	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AB	WO 98/15851	04/98	PCT	G01V	15/00	
	AC	WO 98/15853	04/98	PCT	G01V	15/00	
	AD	WO 98/26312	06/98	PCT	G01V	15/00	
	AE	WO 99/09436	02/99	PCT	G01V	15/00	
	AF	WO 99/23741	05/99	PCT	G01V	15/00	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
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U.S. PATENT DOCUMENTS								
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AG	4,635,053	01/87	Banks et al.	340	825.31		
	AH	4,673,915	06/87	Cobb	340	330		
	AI	5,777,884	07/98	Belka et al.	364	478.13		
	AJ	5,689,238	11/97	Cannon, Jr. et al.	340	568		
	AK	5,671,362	09/97	Cowe et al.	395	228		
	AL	4,636,950	01/87	Caswell et al.	364	403		
	AM	4,275,385	06/81	White	340	312		
	AN	4,209,787	06/80	Freeny, Jr.	343	112R		
	AO	4,827,395	05/89	Anders et al.	364	138		
	AP	5,062,151	10/91	Shipley	359	154		
	AQ	4,658,357	04/87	Carroll et al.	364	406		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
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	AR	WO 99/35516	07/99	PCT	G01V	15/00		
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, etc.)</i>								
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<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-right: 10px; text-align: center;"> INFORMATION DISCLOSURE CITATION <small>AUG 8 2003</small> </div> <div> INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> </div> </div>				Applicant William C. Maloney			
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U.S. PATENT DOCUMENTS							
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AS	5,218,344	06/93	Ricketts	340	573	
	AT	4,926,161	05/90	Cupp	340	572	
	AU	5,528,222	06/96	Moskowitz et al.	340	572	
	AV	5,182,570	01/93	Nysen et al.	343	795	
	AW	5,627,520	05/97	Grubbs et al.	340	572	
	AX	4,853,692	08/89	Wolk et al.	340	573	
	AY	5,021,778	06/91	Walton	340	825.54	
	AZ	5,402,104	03/95	LaRosa	340	539	
	BA	5,448,110	09/95	Tuttle et al.	340	825.54	
	BB	5,510,770	04/96	Rhoads	340	572.3	
	BC	5,574,470	11/96	De Vall	340	572.1	

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, etc.)</i>		

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U.S. PATENT DOCUMENTS							
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	BD	5,661,457	08/97	Ghalfari et al.	340	572.7	
	BE	5,708,419	01/98	Isaacson et al.	340	572.1	
	BF	5,963,134	10/99	Bowers et al.	340	572.1	
	BG	6,075,441	06/00	Maloney	340	568.1	
	BH	3,648,241	03/69	Naito et al.	340	147R	
	BI	4,267,942	06/79	Wick, Jr. et al.	221	2	
	BJ	5,703,785	08/94	Bluemel et al.	364	479.14	
	BK	4,661,806	05/85	Peter et al.	340	568	
	BL	4,060,795	08/76	Harumiya et al.	364	900	
	BM	6,195,005	02/01	Maloney	340	568.1	
	BN	6,204,764	03/01	Maloney	340	568.1	


FOREIGN PATENT DOCUMENTS							
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							Yes No

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, etc.)</i>		


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U.S. PATENT DOCUMENTS							
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	BO	4,112,717	09/78	Bradley	70	63	
	BP	4,812,985	03/89	Hambrick et al.	364	478	
	BQ	5,768,921	06/98	Hill	70	63	
	BR	5,934,499	08/99	Van der Hoven	220	475	
	BS	6,232,876	05/01	Maloney	340	568.1	
	BT	5,736,929	04/98	Schrott et al.	340	572	
	BU	5,821,859	10/98	Schrott et al.	340	572	
	BV	D383,341	09/97	Grosfillex	D6	511	
	BW	29,236	09/1898	A. Walter			
	BX	527,589	10/1894	T.L. Bristol			
	BY	D415,367	10/99	Smith	D6	407	
FOREIGN PATENT DOCUMENTS							
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							Yes No
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Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	BZ	D429,093	08/00	Miller	D6	467	
	CA	D308,777	06/90	Gambello	D6	467	
	CB	D375,857	11/96	De Blois	D6	511	
	CC	4,839,875	06/89	Kuriyama et al.	369	14	
	CD	5,099,227	03/92	Geiszler et al.	340	572	
	CE	5,434,775	07/95	Sims et al.	364	403	
	CF	2,971,806	02/61	N.H. Andreasen	312	223	
	CG	5,936,527	08/99	Isaacman et al.	340	572.1	
	CH	5,771,003	06/98	Seymour	340	568	
	CI	4,636,634	01/87	Harper et al.	250	223R	
	CJ	5,554,974	09/96	Brady et al.	340	572	
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Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	CK	4,960,651	10/90	Pettigrew et al.	428	607	
	CL	4,940,966	07/90	Pettigrew et al.	340	551	
	CM	4,882,569	11/89	Dey	340	572	
	CN	6,054,924	04/00	Dames et al.	340	572.6	
	CO	6,131,808	10/00	M. Pires, et al.	235	375	
	CP	4,783,655	11/88	Cobb et al.	340	825.49	
	CQ	5,172,829	12/92	Dellicker, Jr.	221	13	

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